

# Subsequent Report of Abandonment

## FILE NOTATIONS

Entered in NID File \_\_\_\_\_

Entered On S R Sheet \_\_\_\_\_

Location Map Pinned ☒ \_\_\_\_\_

Card Indexed \_\_\_\_\_

IWR for State or Fee Land \_\_\_\_\_

Checked by Chief PMB \_\_\_\_\_

Copy NID to Field Office \_\_\_\_\_

Approval Letter \_\_\_\_\_

Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 12-4-66

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA ☒ \_\_\_\_\_

Location Inspected \_\_\_\_\_

Bond released \_\_\_\_\_

State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log 1-30-67

Electric Logs (No. ) 2

E 14 let ☒ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_

Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

Boulton Compensated Sonic Log & Gamma Ray

1-15-92  
JCH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

168491

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. <b>U-0145163-A</b>
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>--</b>
2. NAME OF OPERATOR <b>McCulloch Oil Corporation of California</b>			7. UNIT AGREEMENT NAME <b>--</b>
3. ADDRESS OF OPERATOR <b>924 Vaughn Building, Midland, Texas 79701</b>			8. FARM OR LEASE NAME <b>Federal</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>500' PSL &amp; 700' PSL of Section 25, T-38-S, R-24-E</b>  At proposed prod. zone <b>same</b> <i>NE 1/4 Sec 25 ✓</i>			9. WELL NO. <b>1-25</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>25 miles SE Blanding, Utah</b>			10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>500'</b>	16. NO. OF ACRES IN LEASE <b>320</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>80</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>None</b>	19. PROPOSED DEPTH <b>5800'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4700' (estimated)</b>			22. APPROX. DATE WORK WILL START* <b>November 20, 1966</b>

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8" OD	48	150 ✓	150 sacks
11"	8 5/8" OD	24	1200 ✓	200 sacks
7 7/8"	5 1/2" OD	15.5	5800 ✓	200 sacks

It is proposed to drill the above described well to 5800' or 200' ✓  
below the top of the Desert Creek formation, whichever contingency may first occur.

## Drilling Procedure as follows:

1. Drill 150' of 17" hole, run 13 3/8" surface casing with sufficient cement to circulate.
2. Drill 11" hole to 1200'. If water flow encountered, set 8 5/8" casing to shut-off water flow. If water flow not encountered, ~~run~~ reduce hole to 7 7/8". ✓
3. Drill 7 7/8" hole to total ~~maximum~~ depth. If commercial production is indicated, set 5 1/2" casing through productive zones. ✓

43-037-20160

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Erick Bruno TITLE District Manager DATE 11/3/66

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

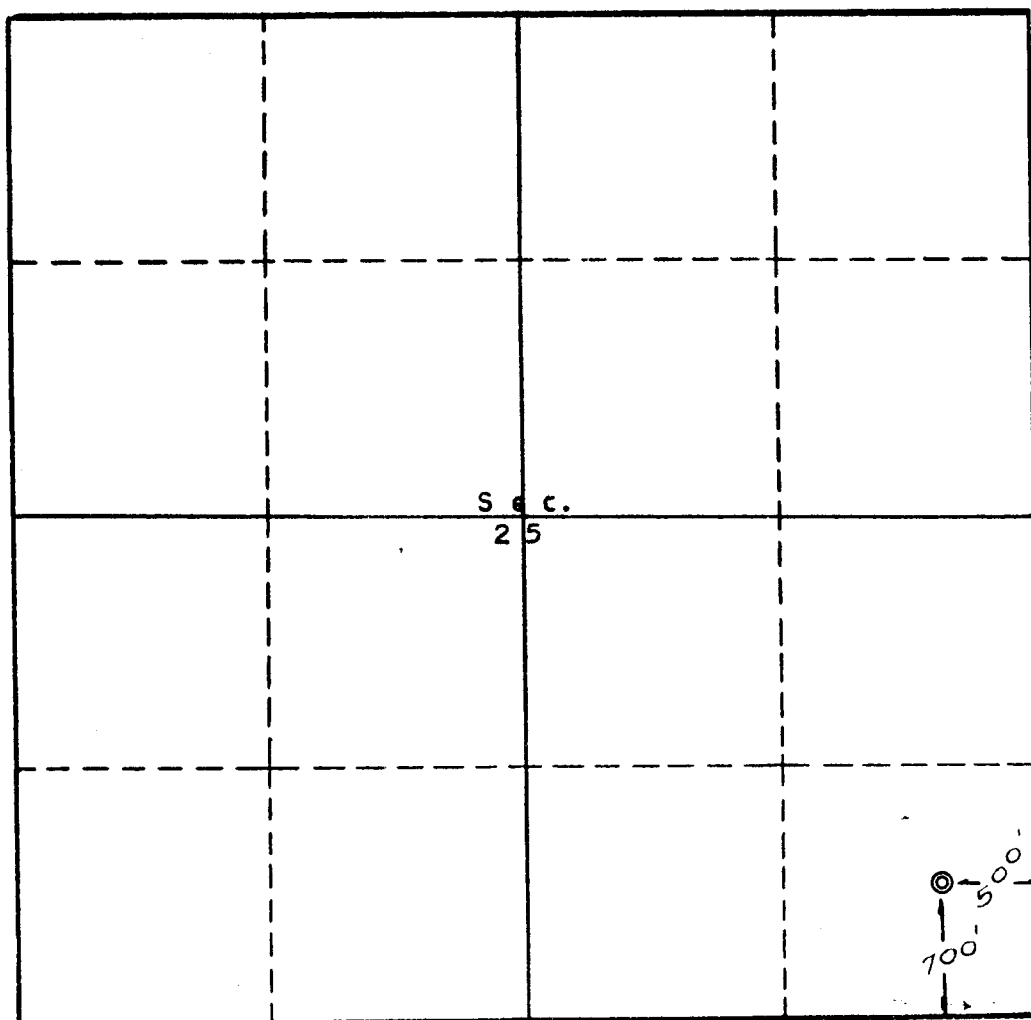
Company McCULLOCH OIL CORPORATION OF CALIFORNIA

Well Name & No. \_\_\_\_\_

Location 700 feet from the South line and 500 feet from the East line.

Sec. 25, T. 38 S., R. 24 E., S. L. M., County San Juan, Utah

Ground Elevation 4791



Scale, 1 inch = 1,000 feet

Surveyed November 5, 1966

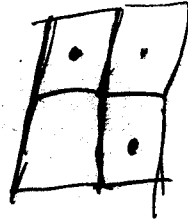
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*Ernest V. Echohawk*  
Ernest V. Echohawk  
Registered Land Surveyor  
Utah Registration No. 2611

11/4/66

"Hon" McCoagha



1) Noti/survey plot

↓  
Wild road in

500' FEL 700' FSL

sec 25 T38S - R24E

Rotary Rig San Juan County

5800' (or 700' in Desert Creek Paradox)

150' of surface "pegs"

(intermediate if necessary)

- 1) Check spacing of Hearings
  - 2) No oil or gas wells within 4960'
  - 3) Have verbal approval to drill
- Conditional Upon a) Survey Plot

b) Designating Agency  
PWB forms

C-2

November 7, 1966

McCulloch Oil Corporation of California  
924 Vaughn Building  
Midland, Texas 79701

Re: Well No. Federal #1,  
Sec. 25, T. 38 S., R. 24 E.,  
San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, this approval is conditional upon the following:

(1) a surveyor's plat being furnished this office  
in accordance with Rule C-4(a), General Rules and Regulations

(2) a Designation of Agent being filed with this  
Commission in accordance with Rule A-4, General Rules and Regulations  
and Rules of Practice and Procedure, Utah State Oil and Gas  
Conservation Commission.

Should you determine that it will be necessary to plug and abandon  
this well, you are hereby requested to immediately notify the following:

PAUL W. BURGHELL, Chief Petroleum Engineer  
HOME: 277-2890 - Salt Lake City, Utah  
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been  
spudded-in within said period.

McCulloch Oil Corporation of California

November 7, 1966

-2-

Enclosed please find Form OGCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-037-20160 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

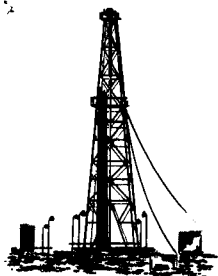
OIL & GAS CONSERVATION COMMISSION

GLENN B. FRIGHT  
EXECUTIVE DIRECTOR

CBF:sc

Enclosures: Form OGCC-8-X

cc: Jerry Long, District Engineer  
U. S. Geological Survey  
Box 1809  
Durango, Colorado



ROBERT P. McCULLOCH, PRESIDENT

## McCULLOCH OIL CORPORATION OF CALIFORNIA



BUSINESS AND EXECUTIVE OFFICES: TWELFTH FLOOR, McCULLOCH BUILDING  
6151 WEST CENTURY BOULEVARD • LOS ANGELES, CALIFORNIA 90045 • TELEPHONES: 776-1151 • 645-4280

924 Vaughn Building, Midland, Texas 79701

November 9, 1966

The State of Utah  
Oil & Gas Conservation Commission  
348 East South Temple, Suite 301  
Salt Lake City, Utah 84111

Re: McCulloch - Federal No. 1-25,  
Section 25, T38S, R24E,  
San Juan County, Utah.

Gentlemen:

We have received your letter of November 7, 1966, giving your approval to drill the captioned well. In accordance to the instructions in the letter, please find one (1) surveyor's plat enclosed. At this time we are in the process of designating an agent as required by Rule A-4 of the General Rules & Regulations and will notify you immediately of this agent when so designated.

We do not at present have a copy of the General Rules & Regulations or the Rules of Practice & Procedure, Utah State Oil & Gas Conservation Commission; and we would appreciate receiving same.

Yours very truly,

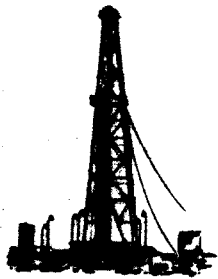
*K. G. Cervenka*  
K. G. Cervenka, Dist. Engineer

*Sent by  
Cam  
11-14-66*  
KGC:lm

Enc. (1)

cc: Mr. W. James Saul

P.S. We would appreciate your having sent to this office those particular Oil & Gas Conservation Commission forms which are pertinent to the drilling, completion, and/or plugging of wells in the State of Utah.



ROBERT F. McCULLOCH, PRESIDENT

# McCULLOCH OIL CORPORATION OF CALIFORNIA



BUSINESS AND EXECUTIVE OFFICES: TWELFTH FLOOR, McCULLOCH BUILDING  
6151 WEST CENTURY BOULEVARD • LOS ANGELES, CALIFORNIA 90045 • TELEPHONES: 776-1151 • 645-4280

924 Vaughn Building, Midland, Texas 79701

November 11, 1966

The State of Utah  
Oil & Gas Conservation Commission  
348 East South Temple  
Suite 301  
Salt Lake City, Utah 84111

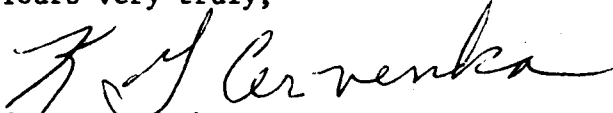
Re: McCulloch - Federal No. 1-25,  
Section 25-38S-24E,  
San Juan County, Utah

Gentlemen:

In compliance with Rule A-4 of the Utah Oil & Gas Conservation Commission's "General Rules and Regulations" we wish to designate the following agent as our State of Utah representative:

G. T. Corporation System  
175 South Main Street  
Salt Lake City, Utah

Yours very truly,

  
K. G. Cervenka

KGC:lm



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)E\*  
re-Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-0145163-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

--

7. UNIT AGREEMENT NAME

--

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-25

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 25, T38N, R24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4791' GR

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

Supplementary Well History

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spud 11/15/66. Drilled 12 1/4" hole to 175'

11/16/66: Ramed 12 1/4" hole to 17 1/2" from surface to 168'. Ran 5 joints, 153.70' of 13 3/8" OD 48# N-40 ST&amp;C Condition A Casing, set at 167' KB and cemented with 160 sacks of regular cement with 2% CaCl. Plug down at 6:00 a.m., 11/16/66. Cement Circulated.

11/17/66: Drilling 380'. 1/2 degree @ 150'; 1/4 degree at 250'.

11/18/66: TD 1140' WOC. At 600' encountered 2 to 3" stream fresh water flow in Navajo Sand. Increased in volume to 5 to 6" stream at 1140'. Ran 35 joints, 1123' of 8 5/8" OD J-55 Condition A Casing and guide shoe and cemented same at 1133' KB with 300 sacks 50-50 Pozmix plus 4% gel &amp; 50 sacks regular plus 2% CaCl. Plug down @ 7:00 a.m., 11/18/66.

11/19/66: TD 1140'. Installed 8 5/8" casinghead. Nipped up. After WOC 17 hours, went in hole with bit and drill collars. Did not locate baffle plate &amp; cementing plug. Had 1 1/2" stream of water back flow from 8 5/8" casing. Pumped into 8 5/8" casing at 200 psi. 1 1/4 degree @ 1140'; 3/4 degree @ 600'.

11/20/66: Drilling 1800'. At 1140', squeezed casing shoe with 75 sacks regular neat cement plus 2% CaCl. Pumped in at 1200 psi. Final pressure 1500 psi. WOC 12 hours. Drilled out 130' cement and water shut off. At 1600', picked up 1" stream water flow.

11/21/66: Drilling 2715'. Sample top DeChelly - 2360'. 1 3/4 degree @ 2360'.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Earl Brown*

TITLE

District Manager

DATE

11/21/66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U-0149163-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

--

7. UNIT AGREEMENT NAME

--

8. FARM OR LEASE NAME

**Endowment Federal**

9. WELL NO.

**1-25**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

**Sec. 25, T38N, R24E**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

**McCulloch Oil Corporation of California**

3. ADDRESS OF OPERATOR

**924 Vaughn Building, Midland, Texas 79701**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)

At surface

**300' FSL & 700' FSL of Section 25, T-38-N, R-24-E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**4791' GR**

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

**Supplementary Well History**

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

11/22/66: Drilling 3150' Sand & Shale. 1/2 degree @ 2700'.  
11/23/66: Drilling 3635' Shale w/Sand & Lime Stringers. 1/2 degree @ 3323'.  
11/24/66: Drilling 3939' Sand & Shale. 1 degree @ 3855'.  
11/25/66: Drilling 4274' Sand & Shale. 1 1/4 degree @ 4210'.  
11/26/66: Drilling 4593' Lime & Shale. 3/4 degree at 4532'.  
11/27/66: Drilling 4819' Sand & Shale.  
11/28/66: Drilling 4992' Sand & Shale. 3/4 degree @ 4884'.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Carl J. Decker*

TITLE

**District Manager**

DATE

**11/28/66**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

sec 25 T38S R24E - San Juan County

San Juan Co. N.M.

Don Jerry

McCoughla - (McCullough)

Upp. Arroyo - 5406

Low. " - 5560 → slight chv.

T.D. 5745 Feb 1-25

Upp. Desert Creek - 5643

Low. " - 5685

8 5/8 - 11 33 -

Converted to surface.

Hemlock - 4400

De Chelly - 2600 → ranch salt water content

Navajo SS - 600-1000

USGS: (Jerry Long)

(1) Cover <sup>all</sup> in Arroyo & Desert Creek → running logs now  
(Priority)

(2) 100' plug from top of Hemlock

(3) 100' " across top of De Chelly

(4) ~~100~~ 100' at base of surface or base of Wingate.

↓  
Differently if it is to be taken over or water well.

(5) No surface plug or marker if taken over or water well

Dec. 3, 1966 - CMB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U-014563-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

--

7. UNIT AGREEMENT NAME

--

8. FARM OR LEASE NAME

**Federal**

9. WELL NO.

**1-25**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA**Sec. 25, T38S, R24E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**4791' GR**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Verbal approval to abandon the well with plug depths as stated below given by the USGS on 12/3/66:

It is proposed that ~~the~~ the well be plugged with a 100' cement plug from 4400-4500', 100' cement plug 2580-2680', and a 100' cement plug 1100-1200'; and a steel plate welded on top of the 8 5/8" casing. This well to be left as a possible future water well from the Navajo Sand upon application of Mr. Richard Perkins to the B.L.M. No dry hole marker will be set.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Earl L. Brown*

TITLE

**Dist. Manager**DATE **12/7/66**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U-0145163-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

--

7. UNIT AGREEMENT NAME

--

8. FARM OR LEASE NAME

**Federal**

9. WELL NO.

**1-25**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

**Sec. 25, T38N, R24E**

12. COUNTY OR PARISH 13. STATE

**San Juan**

**Utah**

1. OIL WELL ☐ GAS WELL ☐ OTHER **Dry Hole**

2. NAME OF OPERATOR  
**McCulloch Oil Corporation of California**

3. ADDRESS OF OPERATOR  
**924 Vaughn Bldg., Midland, Texas 79701**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

**500' FSL & App 700' FSL of Section 25,  
T-38-S, R-24-E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**4791' GR**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was plugged and abandoned on December 4, 1966, at 9:30 a.m. A 50 sack regular neat cement plug was spotted through drill pipe from 4400' to 4500'; a 50 sack regular neat cement plug was spotted through drill pipe from 2580' to 2680'; and a 35 sack regular neat cement plug was spotted through drill pipe from 1100' to 1200'. A steel welded plate was installed on top of the 8 5/8" intermediate casing which was set at 1133' KB and cemented to the surface. Verbal permission of plugging and authorization to leave surface mm of well suitable for a Navajo Sand water well given on December 3, 1966 by the USGS in lieu of top cement plug and dry hole marker.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE **District Manager**

DATE **12/7/66**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN \_\_\_\_\_  
(Other instru- 3 on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

U-0145163-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

--

7. UNIT AGREEMENT NAME

--

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-25

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., OR BLK. AND  
SURVEY OR AREA

Sec. 25, T38N, R24E

1.

OIL  
WELL ☐GAS  
WELL ☐OTHER **Dry Hole**

2. NAME OF OPERATOR

McCulloch Oil Corporation of California

3. ADDRESS OF OPERATOR

924 Vaughn Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

500' FSL &amp; 700' FSL of Section 25, T-38-N, R-24-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4791' GR

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐**Supplementary Well History** ☒  
(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

11-29-66 Drilling 5151' Lime, Shale and Sand.

11-30-66 Drilling 5334' Lime. 1 degree at 5186'.

12-1-66 Drilling 5459' Shale, M Lime, and Anhydrite.

12-2-66 Drilling 5647' Lime and Shale. Sample top Upper Ismay 5465' (-604').

12-3-66 Depth 5745' Shale and Lime. Running electric logs.

12-4-66 Total Depth 5775' Shale. Plugging well. Ran Schlumberger Gamma-Ray -

Integrated Sonic Log with Caliper and Dual Induction Laterolog at 5745'.

No porosity encountered in Ismay or Navajo Desert Creek zones. Drilled 30'.

Total Depth of well 5775' (-973').

Sample top Navajo Sand 600' (+4202').

Log Tops: Wingate 1290' (+3512')

Chinle 1615' (+3187')

Shinarump 2400' (+2402')

Moenkopi 2450' (+2352')

De Chelly 2614' (+2188')

Organ Rock 2650' (+2152')

Hermosa 4450' (+352')

Upper Ismay 5425' (-623')

Lower Ismay 5591' (-789')

Desert Creek 5672' (-870')

Lower Desert Creek 5720' (-918')

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

District Manager

DATE December 7, 1966

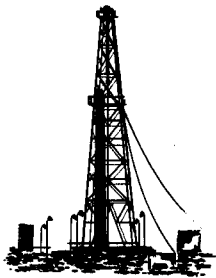
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



# MCCULLOCH OIL CORPORATION OF CALIFORNIA



ROBERT P. MCCULLOCH, PRESIDENT

BUSINESS AND EXECUTIVE OFFICES: TWELFTH FLOOR, MCCULLOCH BUILDING  
6151 WEST CENTURY BOULEVARD • LOS ANGELES, CALIFORNIA 90045 • TELEPHONES: 776-1151 • 645-4280

924 Vaughn Building, Midland, Texas 79701

December 12, 1966

Oil & Gas Conservation Commission  
The State of Utah  
348 East South Temple, Suite 301  
Salt Lake City, Utah 84111

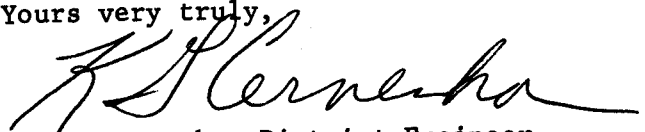
Re: McCulloch - Federal #1-25  
Section 25,  
San Juan County, Utah

Gentlemen:

Please be advised that we wish the logs and other well data  
we have filed with you be kept confidential for your customary four (4)  
months period on the subject well.

Thank you for your cooperation.

Yours very truly,

  
K. G. Cervenka, District Engineer

KGC:lm

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:				OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____								
b. TYPE OF COMPLETION:				NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____						
2. NAME OF OPERATOR								5. LEASE DESIGNATION AND SERIAL NO.							
McCulloch Oil Corporation of California								Utah 045163-A							
3. ADDRESS OF OPERATOR								7. UNIT AGREEMENT NAME							
904 Vaughn Building, Midland, Texas 79701								--							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*								8. FARM OR LEASE NAME							
At surface 900' FEL & 700' FEL of Section 25, T-38-S, R-24-E								Federal							
At top prod. interval reported below None								9. WELL NO.							
At total depth No directional survey run.								1-25							
14. PERMIT NO.				DATE ISSUED				10. FIELD AND POOL, OR WILDCAT							
								Wildcat							
15. DATE SPURRED				16. DATE T.D. REACHED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA							
11-15-66				12-3-66				Sec. 25, T38S, R24E							
17. DATE COMPL. (Ready to prod.)				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*				12. COUNTY OR PARISH							
12-4-66 DMA				4791' OR 4802' RKB				San Juan							
19. ELEV. CASINGHEAD				20. TOTAL DEPTH, MD & TVD				13. STATE							
4791'				5775 RKB				Utah							
21. PLUG, BACK T.D., MD & TVD				22. IF MULTIPLE COMPL., HOW MANY*				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*							
1100 RKB				--				None							
23. INTERVALS DRILLED BY				ROTARY TOOLS				25. WAS DIRECTIONAL SURVEY MADE							
--				Rotary				No							
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED							
Schlumberger Dual Induction-Interolog & Gamma Ray-Integrated Sonic w/Caliper								No							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
13 3/8"		48#		107' KB		17 1/2"		160 sz reg. / 2 1/2 CcCl		None					
8 5/8"		24#		1133 KB		11"		300 sz 90-90 Foamix / 4 1/2 gal & 50 sz reg. / 2 1/2 CcCl		None					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
None										None					
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
None										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										None					
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)							
Dry & Abandoned															
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY					
35. LIST OF ATTACHMENTS															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED				TITLE				DATE							
				District Manager				1/26/67							

\*(See Instructions and Spaces for Additional Data on Reverse Side)



# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
NO CEMENT OR DRILL STEM TESTING.				Chalk	1290
				Chalk	1615
				Shinarump	2400
				Shinarump	2450
				De Chelly	2624
				Canyon Rock	2650
				Shinarump	2450
				Upper Shinarump	2425
				Lower Shinarump	2391
				Desert Creek	2472
				Lower Desert Creek	5720

JAN 30 1967

FORM OGCC-8-X  
FILE IN QUADRUPLICATE

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Federal No. 1-25  
Operator McCulloch Oil Corporation Address 924 Vaughn Building  
of California Midland, Texas Phone 682-4336  
Contractor Brinkerhoff Drilling Co. Address 870 Denver Club Bldg.  
Denver, Co. 80202 Phone 222-9733  
Location SE 1/4 Sec. 25 T. 24 N R. 38 E San Juan County, Utah.  
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. 601	675	2" water flow	Fresh
2. 682	736	1" water flow	Fresh
3. 790	956	1" water flow	Fresh
4. 964	1072	1" water flow	Fresh
5.			

(Continued on reverse side if necessary)

Formation Tops: Sample Top Navajo 600'. Log Tops: Wingate 1290', Chinle 1615', Skinarump 2400', Moenkopi 2450', De Chelly 2614', Organ Rock 2650', Hermosa 4450', Upper Ismay 5425', and Desert Creek 5672'.

Remarks: Attached are Electric Logs on well.

NOTE: (a) Upon diminishing supply of forms, please inform the Commission,  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).  
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN \_\_\_\_\_ LICATION\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**H-0145163-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

\*\*\*

7. UNIT AGREEMENT NAME

\*\*\*

8. FARM OR LEASE NAME

**Federal**

9. WELL NO.

**1-25**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

11. SEC., T. R., M., OR BLK. AND

**Sec. 25, T. 36S, R. 24E**

1.

OIL ☐ GAS ☒ OTHER **Dry Hole**  
WELL WELL

2. NAME OF OPERATOR

**McCulloch Oil Corp. of California**

3. ADDRESS OF OPERATOR

**924 Vaughn Bldg., Midland, Texas 79701**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface**500' FEL & 700' FEL of Section 25, T-36-S, R-24-E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**4791' GR**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☒(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Verbal approval to abandon the well with plug depths as stated below given by the USGS on 12/3/66:

On December 14, 1966, well plugged and abandoned as follows:

50 sacks cement plug 4400-4500'

50 sacks cement plug 2580-2680'

35 sacks cement plug 1100-1200'

Steel plate welded on top of the 8 5/8" casing.

This well was left as a future water well from the Navajo Sand.

Application was made by Mr. Richard Perkins, surface lessee, to the B.L.N.; he received verbal approval from them to leave pits open; and he assumed the responsibility for the open pits.

Attached is a copy of Mr. Perkins' letter 2 to us relative to above.

18. I hereby certify that the foregoing is true and correct

SIGNED \_\_\_\_\_

TITLE **Dist. Manager**

DATE

**1/25/67**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: